

FIG. 1 (PRIOR ART)

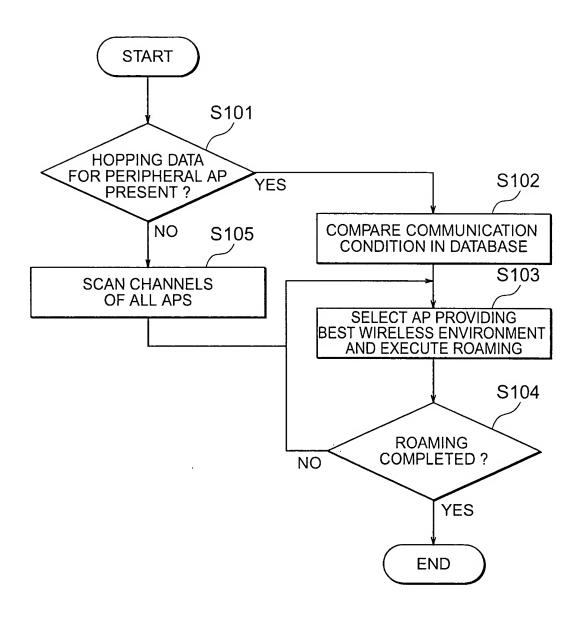


FIG. 2 (PRIOR ART)

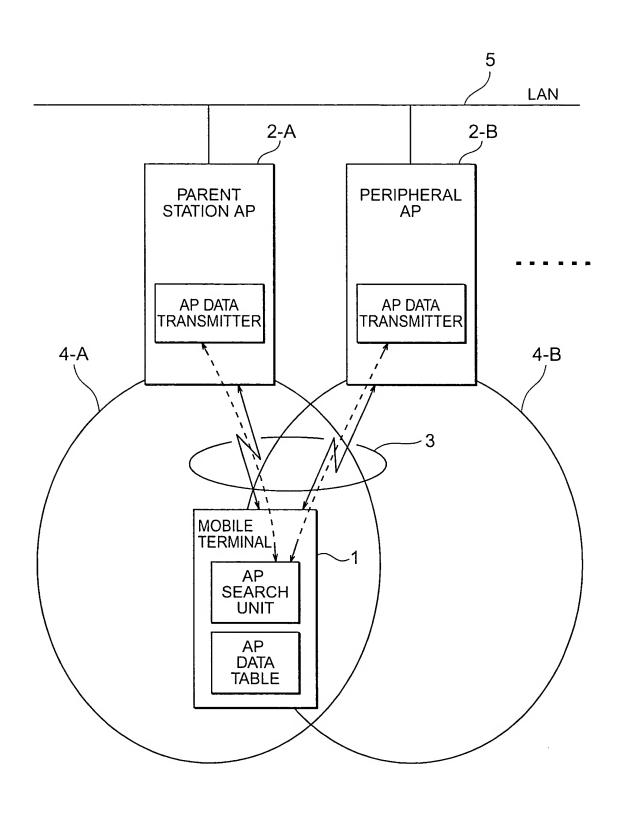


FIG. 3

## CONNECTED WITH AP (2) THROUGH WIRELESS LAN (3) MOBILE TERMINAL 11 WIRELESS LAN INTERFACE 13 12 14 RECEIVED DATA AΡ **ROAMING** IDENTIFICATION **SEARCH** EXECUTION **UNIT** UNIT **UNIT** 15 16 STORAGE UNIT 151 **FUNCTION** CONTROLLER AP DATA TABLE 152 SEARCH **ROAMING TIMER** ORDER CONDITION 153 .17 **PARENT** STATION **BEACON ROAMING QUALITY** 154 **START**

FIG. 4

**ROAMING** 

START CONDITION

INSTRUCTION

**UNIT** 

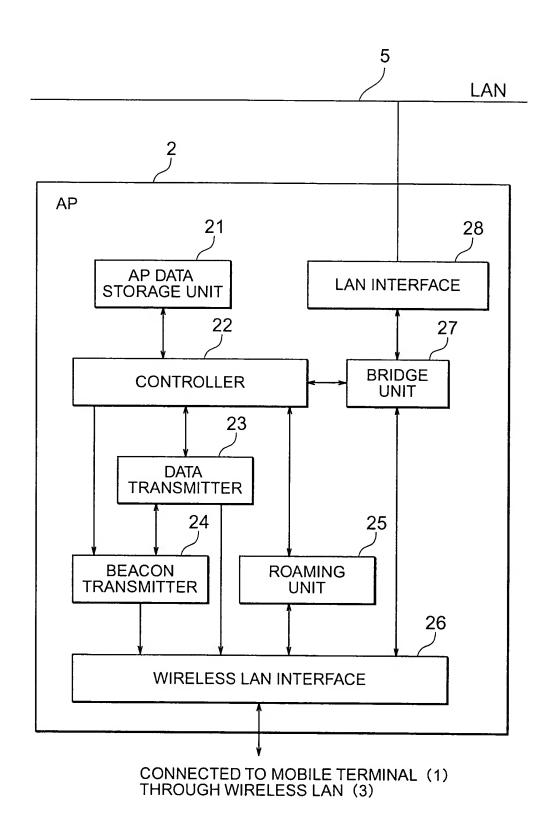


FIG. 5

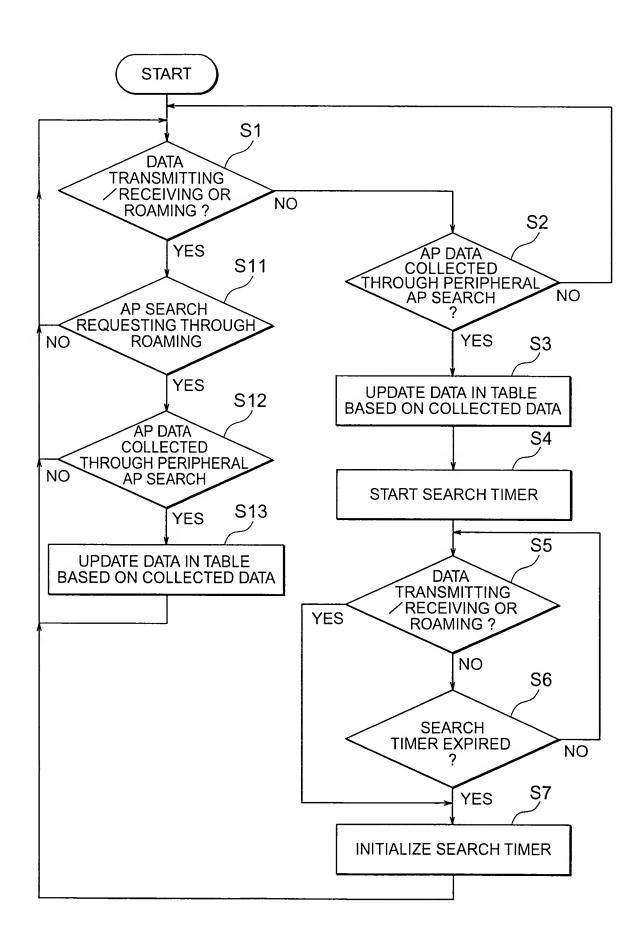


FIG. 6

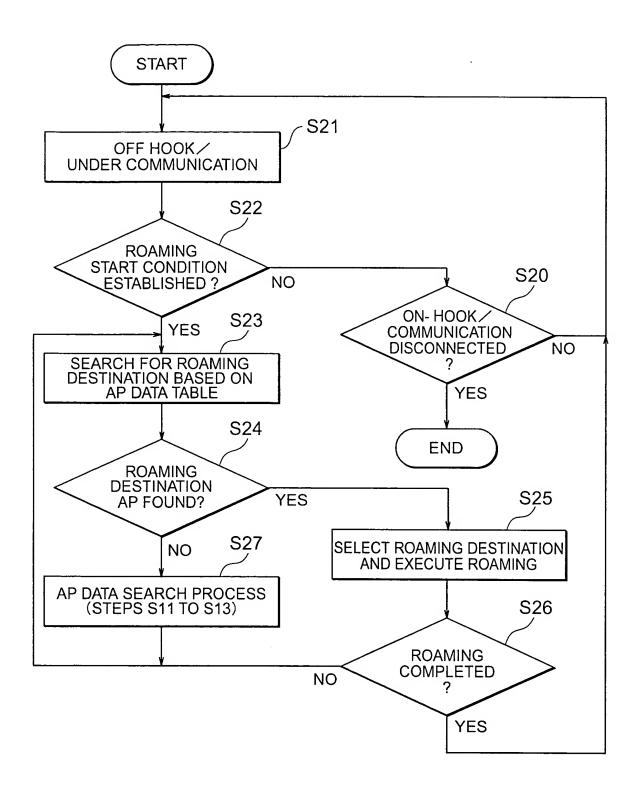


FIG. 7

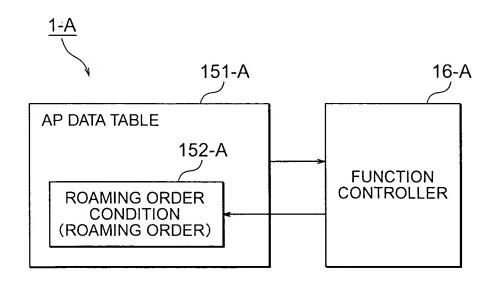


FIG. 8

				151-A		
	AP DATA TABLE					
ROAMING ORDER	MAC ADDRESS OF AP	TIME STAMP	WIRELESS CHANNEL	SSID		
1	XX.XX.XX.XX.XX.01	XX.XX.02	1	AP1		
2	XX.XX.XX.XX.XX.11	XX.XX.07	9	AP1		
:						

FIG. 9

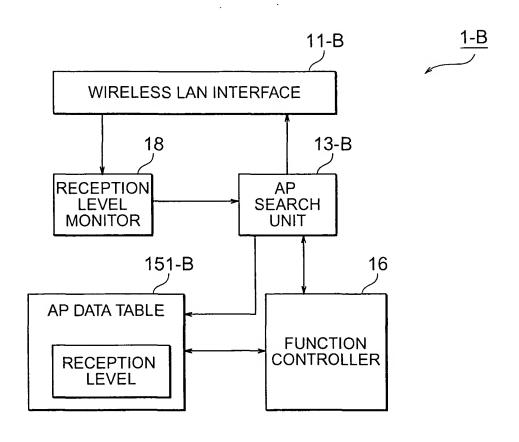


FIG. 10

					151-B	
	AP DATA TABLE					
ROAMING ORDER	MAC ADDRESS OF AP	TIME STAMP	WIRELESS CHANNEL	SSID	RECEPTION LEVEL	
1	XX.XX.XX.XX.XX.11	XX.XX.07	9	AP1	100%	
2	XX.XX.XX.XX.XX.01	XX.XX.02	1	AP1	70%	
i:						

FIG. 11

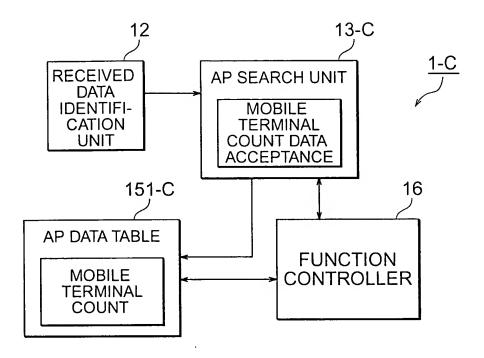


FIG. 12

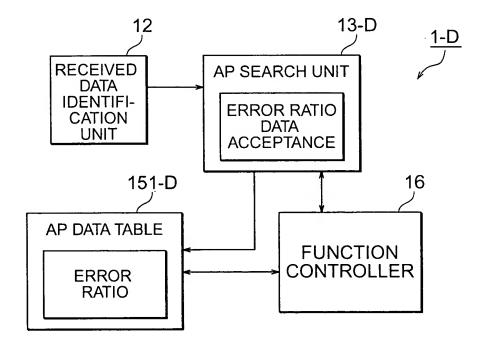


FIG. 13

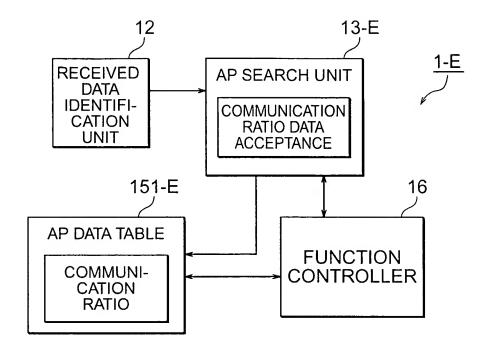


FIG. 14

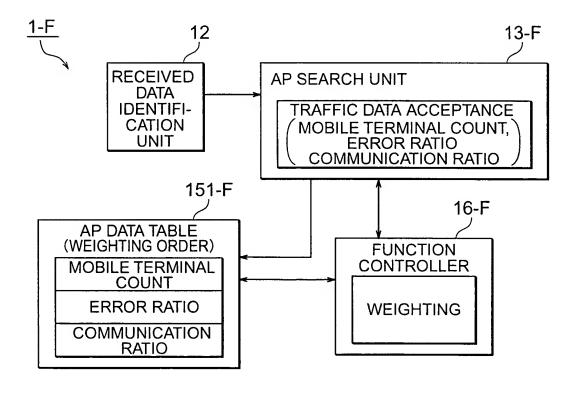


FIG. 15

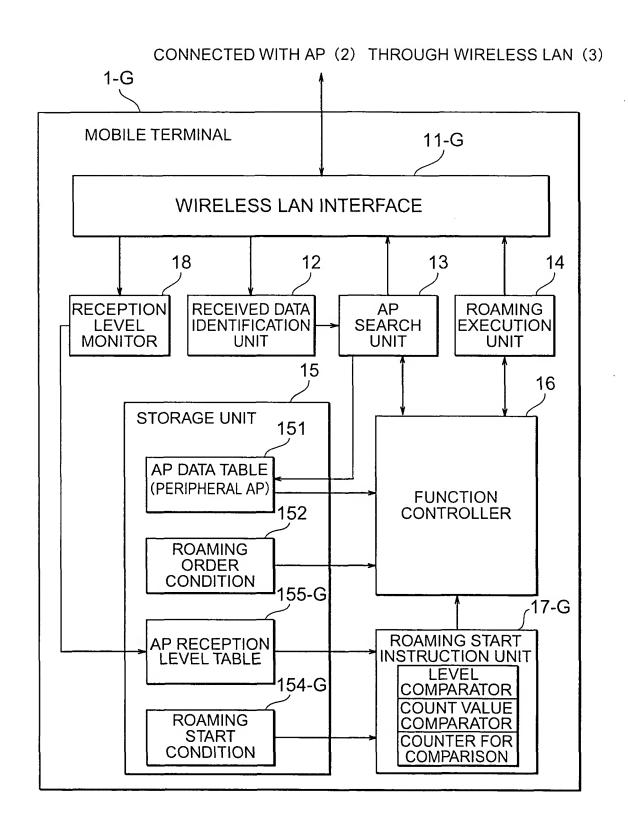


FIG. 16

PARENT STATION AP RECEPTION LEVEL TABLE					
MANAGEMENT NUMBER	BSSID	TIME STAMP	RECEPTION LEVEL		
1	XX.XX.XX.XX.XX.01	XX.XX.18	55%		
2	XX.XX.XX.XX.XX.01	XX.XX.13	60%		
3	XX.XX.XX.XX.XX.01	XX.XX.10	70%		
4	XX.XX.XX.XX.XX.01	XX.XX.07	90%		
5	XX.XX.XX.XX.XX.01	XX.XX.05	70%		
6	XX.XX.XX.XX.XX.01	XX.XX.02	100%		
:					

FIG. 17

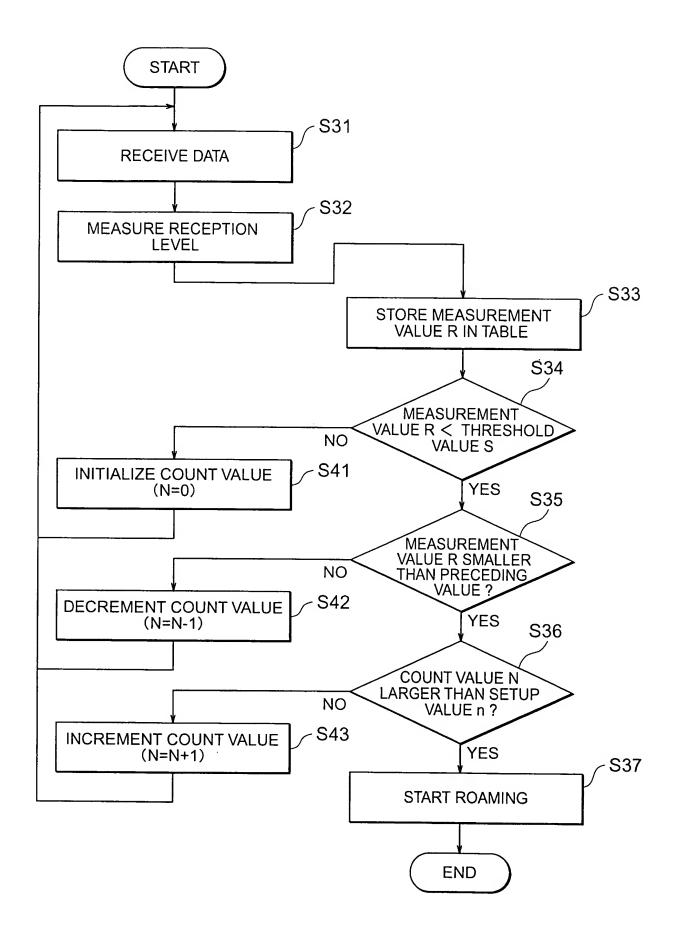
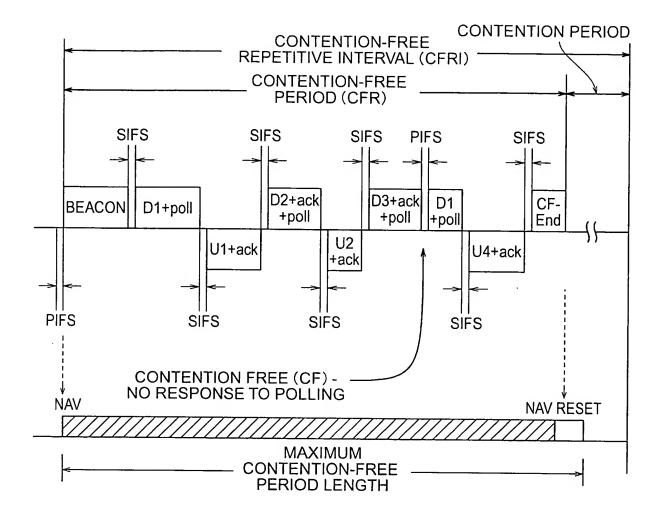


FIG. 18



Dx: FRAME TRANSMITTED FROM AP

Ux : FRAME TRANSMITTED FROM POLLED MOBILE TERMINAL

poll: POLLING

ack: ACKNOWLEGE

(ACKNOWLEGE RESPONSE TO RECEIVED SIGNAL)

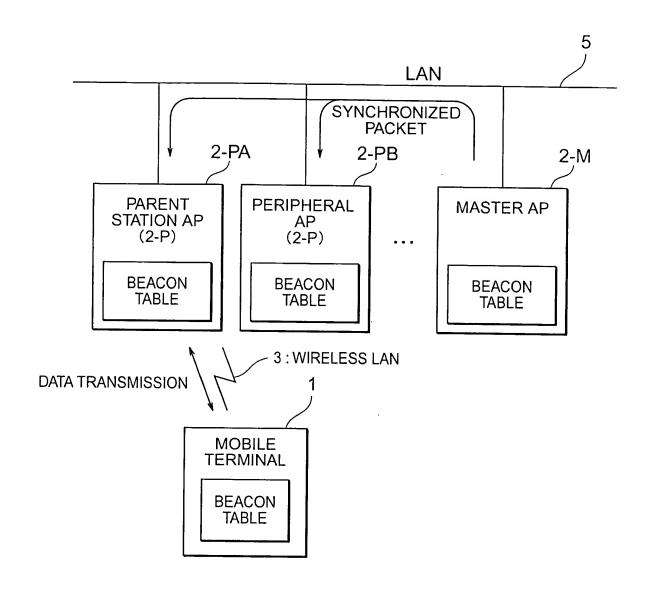


FIG. 20

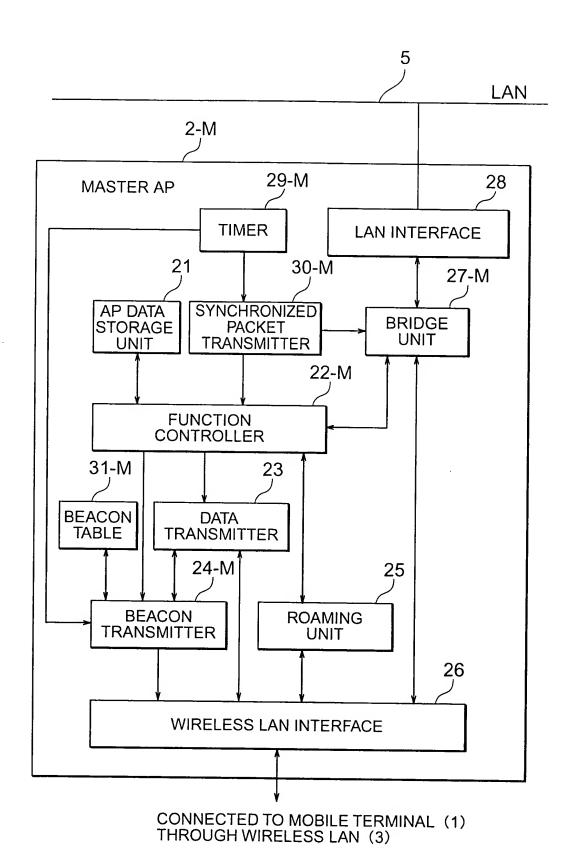
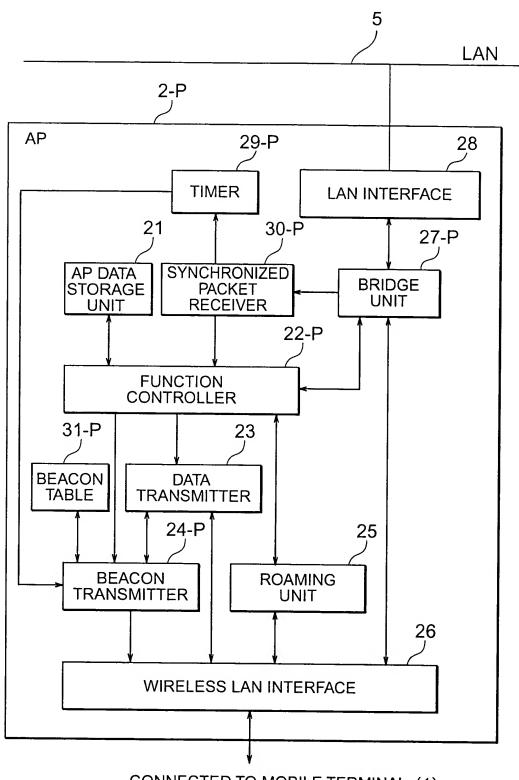


FIG. 21



CONNECTED TO MOBILE TERMINAL (1) THROUGH WIRELESS LAN (3)

FIG. 22

BEACON TIMING TABLE			
CHANNEL NUMBER	ADDITIONAL TIME TO REFERENCE TIME		
1	0		
2	+ 5 ms		
3	+ 10 ms		
4	+ 15 ms		
:			

FIG. 23

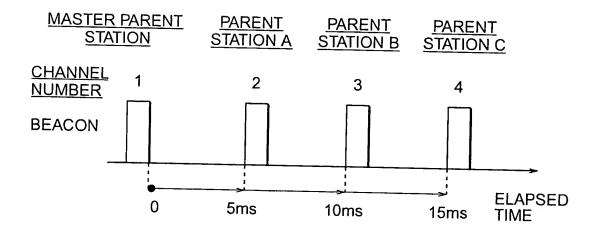


FIG. 24

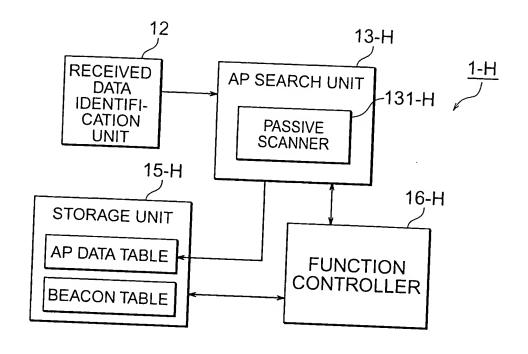


FIG. 25

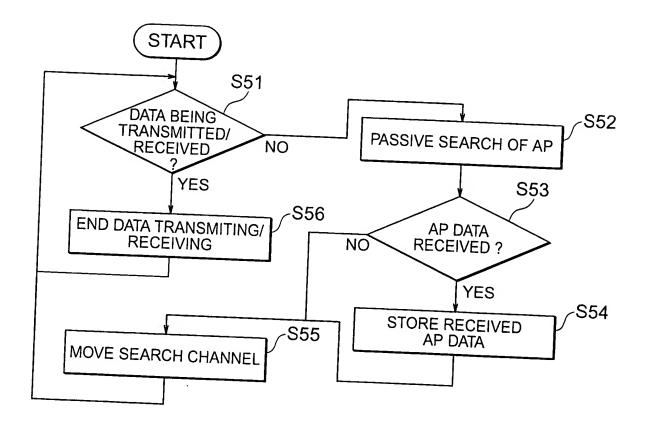


FIG. 26

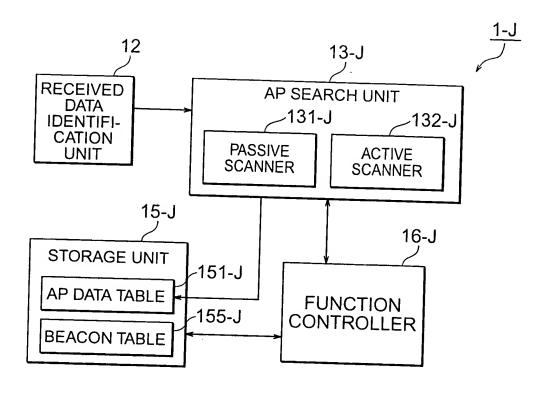


FIG. 27